

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 318  | multimedia adj broadcast adj<br>multicast adj service | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2005/07/28 10:41 |
| S3    | 1658 | (455/450).CCLS.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:43 |
| S4    | 367  | (455/518).CCLS.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:43 |
| S5    | 240  | (455/519).CCLS.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:43 |
| S6    | 122  | (455/520).CCLS.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:44 |
| S7    | 1883 | (455/522).CCLS.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:44 |
| S8    | 531  | (455/452.1).CCLS.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:44 |
| S9    | 461  | (455/452.2).CCLS.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/28 10:49 |

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| S11 | 23   | S1 and (broadcast adj2 channel)<br>same (dedicated adj2 channel)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/28 11:06 |
| S12 | 0    | ("2005/0043033").URPN.   | USPAT   | OR | ON  | 2005/07/28 10:51 |
| S13 | 4    | S1 and (broadcast adj2 channel)<br>same (dedicated adj2 channel)<br>same (power SN noise)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/28 11:37 |
| S14 | 1    | 2005-239977.NRAN.  | DERWENT   | OR | ON  | 2005/07/28 11:13 |
| S15 | 4619 | S3 S4 S5 S6 S7 S8 S9   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/28 11:19 |
| S16 | 19   | S15 and S1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/28 11:19 |
| S17 | 2    | ("6542755").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/28 11:37 |
| S18 | 7    | ("5887252"   "6023625"  <br>"6104709"   "6144651"  <br>"6333921"   "6434396"  <br>"6470188").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/07/28 12:57 |
| S19 | 1    | ("6542755").URPN.  | USPAT   | OR | ON  | 2005/07/28 13:50 |
| S20 | 13   | multicast same dedicated same<br>broadcast same channel same<br>power                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/29 15:39 |
| S21 | 13   | multicast same dedicated same<br>broadcast same channel same<br>threshold                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/29 15:39 |
| S22 | 13   | multicast same dedicated same<br>broadcast same channel same<br>power                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/07/29 16:10 |

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| S23 | 5   | S21 not S22  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 15:56 |
| S24 | 1   | 2004-203868.NRAN   | DERWENT   | OR | ON | 2005/07/29 15:55 |
| S25 | 2   | "200131948"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 15:56 |
| S26 | 23  | "0131948"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 15:58 |
| S27 | 162 | "31948"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 15:58 |
| S28 | 0   | "WO0131948"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 15:58 |
| S29 | 8   | (multicast MBMS PTM multipoint multi?point) same dedicated same broadcast same channel same power same threshold | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 11:00 |
| S30 | 0   | S29 not (S21 S22)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 16:11 |
| S31 | 8   | (multicast MBMS PTM multipoint multi?point) same dedicated same broadcast same power same threshold              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 16:16 |
| S32 | 17  | (multicast MBMS PTM multipoint multi?point) same dedicated same broadcast same power                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 16:16 |

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| S33 | 4  | S32 not S22  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/29 16:16 |
| S34 | 1  | 2004-203868.NRAN.  | DERWENT   | OR | ON | 2005/07/29 17:10 |
| S35 | 1  | 2004-241404.NRAN.  | DERWENT   | OR | ON | 2005/07/29 17:33 |
| S36 | 16 | (multicast MBMS PTM multipoint multi?point) with power with threshold  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 12:48 |
| S37 | 4  | (multicast MBMS PTM multipoint multi?point) with power with pilot  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 12:50 |
| S38 | 2  | (multicast MBMS PTM multipoint multi?point) with power with PN   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 14:41 |
| S39 | 1  | (multicast MBMS PTM multipoint multi?point) with (power strength) with sort\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 14:42 |
| S40 | 0  | ("2005/0043033").URPN.   | USPAT   | OR | ON | 2005/08/01 14:42 |
| S41 | 2  | (multicast MBMS PTM multipoint multi?point) same (power strength) with sort\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 14:49 |
| S42 | 1  | (multicast MBMS PTM multipoint multi?point) same (power strength) with sort\$4 with pilot  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 14:50 |
| S43 | 1  | (multicast MBMS PTM multipoint multi?point dispatch) same (power strength) with sort\$4 with pilot                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 14:51 |
| S44 | 2  | (multicast MBMS PTM multipoint multi?point dispatch) same (power strength) with (order\$4 arrang\$4 organiz\$4 sort\$4) with pilot | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/01 14:52 |

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| S45 | 2  | (multicast MBMS PTM multipoint multi?point dispatch) same ((power strength) with (order\$4 arrang\$4 organiz\$4 sort\$4) with (PN pilot)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 14:53 |
| S46 | 32 | (multicast MBMS PTM multipoint multi?point dispatch) and ((power strength) with (order\$4 arrang\$4 organiz\$4 sort\$4) with (PN pilot))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 17:01 |
| S47 | 1  | (user adj equipment) near3 (arrang\$4 organiz\$4 sort\$4) near3 (power strength) near3 (PN pilot)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 16:41 |
| S48 | 2  | (user adj equipment) near5 (arrang\$4 organiz\$4 sort\$4) near5 (power strength) near5 (PN pilot)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 16:42 |
| S49 | 2  | (user adj equipment) near5 (arrang\$4 organiz\$4 sort\$4 order\$4) near5 (power strength) near5 (PN pilot)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 16:57 |
| S50 | 35 | (arrang\$4 organiz\$4 sort\$4 order\$4) near5 (power strength) near5 (PN pilot) near5 receiv\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 17:01 |
| S51 | 0  | multicast same PSMM   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 17:01 |
| S52 | 48 | (multicast MBMS PTM multipoint multi?point dispatch) and (pilot near3 strength near3 measur\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 18:14 |
| S53 | 4  | (multicast MBMS PTM multipoint multi?point dispatch) same (pilot near3 strength near3 measur\$6)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/01 17:08 |
| S54 | 2  | ("6507567").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 18:23 |



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| S55 | 3    | ("10113257").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 18:47 |
| S56 | 2    | ("5983099").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/01 18:47 |
| S57 | 2    | "20030134655"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 14:37 |
| S58 | 6    | (signal near3 noise) with coverage<br>with threshold with receiv\$4              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 14:42 |
| S59 | 14   | (signal near3 noise) with coverage<br>with threshold                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 14:39 |
| S60 | 8    | S59 not S58  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 14:39 |
| S61 | 1707 | (signal near3 noise) with threshold<br>with receiv\$4                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 14:42 |
| S62 | 23   | (signal near3 noise) with threshold<br>with receiv\$4 with (area cover\$4)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 14:55 |
| S63 | 8    | (signal near3 noise) with<br>(threshold near3 receiv\$4) with<br>(area cover\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 15:01 |

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| S64 | 483 | (signal near3 noise) with<br>(threshold near3 (transmit\$4<br>receiv\$4))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:01 |
| S65 | 312 | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:16 |
| S66 | 0   | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) near3<br>cover\$4                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:02 |
| S67 | 0   | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) near3<br>area                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:02 |
| S68 | 0   | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) near3<br>(boundar\$ border)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:03 |
| S69 | 0   | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) with<br>(boundar\$ border)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:03 |
| S70 | 4   | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) with<br>(boundar\$ border area cover\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:04 |
| S71 | 52  | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) with<br>(compar\$4)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:14 |
| S72 | 2   | signal near3 noise near3 threshold<br>near3 (transmit\$4 receiv\$4) with<br>(broadcast\$4)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:15 |
| S73 | 3   | signal near3 noise near3 threshold<br>near3 (broadcast\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:15 |

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| S74 | 1659 | (455/450).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S75 | 367  | (455/518).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S76 | 242  | (455/519).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S77 | 122  | (455/520).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S78 | 1888 | (455/522).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S79 | 533  | (455/452.1).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S80 | 464  | (455/452.2).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:16 |
| S81 | 4632 | S74 S75 S76 S77 S78 S79 S80 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/08/04 15:16 |



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| S82 | 19    | (signal near3 noise near3 threshold near3 (transmit\$4 receiv\$4)) and S81  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:08 |
| S83 | 13739 | (signal near3 noise with (order\$4 sort\$4))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:09 |
| S84 | 6228  | (signal near3 noise near3 (order\$4 sort\$4))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:09 |
| S85 | 64    | (signal near3 noise near3 (order\$4 sort\$4) with (RNC controller BSC))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:15 |
| S86 | 0     | (signal near3 noise near3 order\$4 near3 sort\$4 with (RNC controller BSC)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 16:15 |
| S87 | 9     | (signal near3 noise near3 order\$4 near3 sort\$4)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 17:14 |
| S88 | 0     | "20010203336"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 17:15 |
| S89 | 4     | "278485".ap,an.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 17:15 |